

▪ **Principle 1: Surveillance**

Goal 1: Maintain surveillance of acute viral hepatitis cases.

- *Objective 1:* The Surveillance and Investigation Division (SID) will analyze reported cases of viral hepatitis according to Council for State and Territorial Epidemiologists (CSTE) approved case definitions.
 - Action Items:
 1. All confirmed acute reports shall be submitted electronically to the Centers for Disease Control and Prevention (CDC) via the National Electronic Telecommunications System (NETSS) and will transition into Indiana National Electronic Disease Surveillance System (I-NEDSS) which includes all required data.
 2. Surveillance shall detect outbreaks.
 3. Surveillance shall identify the need of postexposure prophylaxis.
 4. Risks factors shall be analyzed annually.
- *Objective 2:* The confirmed viral hepatitis cases reported shall be compiled in an annual report by the SID.
 - Action Items:
 1. Surveillance data shall provide information regarding trends in the incidence.
 2. The SID will provide surveillance data to the Adult Viral Hepatitis Prevention Coordinator (AVHPC) for the development of prevention strategies.
- *Objective 3:* Post the SID annual viral hepatitis report on the Indiana State Department of Health (ISDH) web site.
 - Action Item:
 1. Report shall be made available to health care providers (HCPs), policymakers, and Indiana residents.

Goal 2: Improve the quality, accuracy, and the timeliness of acute viral hepatitis reporting.

- *Objective 1:* The SID shall educate local health departments (LHDs) regarding case definitions for acute and chronic viral hepatitis infections.
 - Action Items:
 1. Reference the Communicable Disease Reporting Rule 410 IAC 1-2.3 regarding clinical and laboratory criteria required for specific diagnosis of viral hepatitis.
 2. The SID shall provide LHDs with the “Epi Reference Manual for Disease Investigations” detailing investigative methods for viral hepatitis.
 3. Incorporate reporting procedures and interpretation of hepatitis laboratory results in newsletters and other educational materials available to HCPs.
- *Objective 2:* LHDs shall inform HCPs of serology markers indicating viral hepatitis results referenced by the CDC case definitions and 410 IAC 1-2.3.
 - Action Items:
 1. LHDs shall encourage reporting on ISDH Confidential Report of Communicable Diseases (CDRs) by HCPs for each reportable hepatitis lab marker.
 2. LHDs shall educate HCPs on non-reportable lab markers.
 3. LHDs shall communicate with HCPs the importance of ordering correct laboratory tests.
- *Objective 3:* Increase laboratory reporting of positive viral hepatitis test results to ISDH according to 410 IAC 1-2.3.
 - Action Items:
 1. The SID shall educate laboratories on the importance and necessity of the reporting requirements in the 410 IAC 1-2.3.

2. The SID shall increase laboratory compliance by requiring demographic fields for submission to ISDH laboratories through the Indiana State Laboratory, laboratory information management system (STARLIMS) and I-NEDSS.
- *Objective 4:* Enhance the ISDH CDR form and all of the viral hepatitis case investigation forms upon implementation of I-NEDSS.
 - Action Item:
 1. Promote significant involvement between all partners during piloting and testing phase allowing I-NEDSS team to implement suggested improvements to final product.
 - *Objective 5:* Increase the reporting and investigating of viral hepatitis cases to ISDH from correctional facilities.
 - Action Items:
 1. Enhance the ISDH laboratory submission form required for submission to STARLIMS.
 2. Encourage correctional facilities to conduct passive surveillance to control the spread of viral hepatitis.

Goal 3: Increase the identification of chronic hepatitis B and C cases.

- *Objective 1:* Encourage the voluntary reporting of chronic hepatitis C cases and mandatory reporting of acute hepatitis C cases.
 - Action Items:
 1. The Hepatitis C Epidemiologist shall conduct regional education.
 2. The ISDH Labs shall report hepatitis C total tested from correctional facilities so an estimated burden of disease can be calculated.
- *Objective 2:* Encourage HCP reporting of chronic hepatitis B cases.
 - Action Item:

1. Surveillance for chronic disease is needed to identify the burden of chronic viral hepatitis B infections.

Goal 4: Improve communication between ISDH program areas SID, HIV and PHB.

- *Objective 1:* SID to communicate HBsAg positive results of pregnant and or child-bearing age females to the perinatal hepatitis B (PHB) program.
 - Action Item:
 1. SID to develop protocol for notification among program areas.
- *Objective 2:* Human Immunodeficiency Virus (HIV) to communicate co-infections of hepatitis B and C to SID.
 - Action Item:
 1. HIV to develop protocol for notification among program areas.